

PATENT ABSTRACTS OF JAPAN

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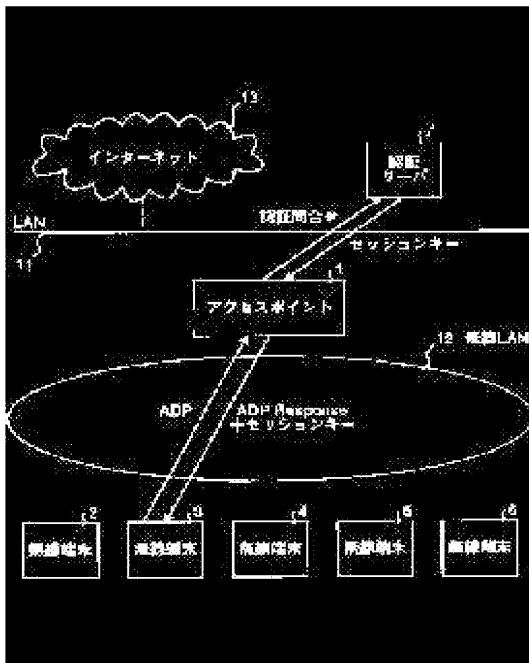
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(54) APPROVAL METHOD AND SYSTEM OF WIRELESS TERMINAL IN
WIRELESS NETWORK



(57)Abstract:

PROBLEM TO BE SOLVED: To avoid illegal access by an illegal user and illegal use of a network resource without changing a packet format.

SOLUTION: A wireless terminal (2-6) transmits a request first. A base station 1 relays the request, takes out the MAC address of the transmission origin and transmits a packet for the approval of the terminal to an approval server 7. When the approval server 7 receives the MAC address, it transmits an encoded session key. Then, the base station 1 keeps the session key and transmits the packet of

the response with the session key. The wireless terminal (2-6) keeps the session key and, hereinafter, calculates a CRC value according to a HASH value obtained by adding the session key to the header and payload of the MAC, and transmits the packet. When the base station 1 receives the packet, it compares the calculated CRC value according to the HASH value with the CRC value of the packet, and realizes approval for each packet.